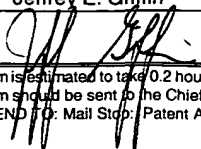


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PTO/SB/05 (4-98)  
Approved for use through 9/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53 (b))</small>		<b>Attorney Docket No.:</b> 68.0353 <b>First Named Inventor or Application Identifier:</b> Detretin et al. <b>Title:</b> Optical Fiber Conveyance, Telemetry, and/or Actuation <b>Express Mail Label No.:</b> EV 337 085 170 US			
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Mail Stop: Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
<div style="display: flex; flex-wrap: wrap;"><div style="width: 50%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and duplicate for fee processing)</small></p><p>2. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages: 18]</span> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed-sponsored R &amp; D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Descriptions of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p><p>3. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) <span style="float: right;">[Total Sheets: 7]</span></p><p>4. Oath or Declaration <span style="float: right;">[Total Pages: ]</span> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 16 completed)</small> i <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p><p><small>*NOTE FOR ITEMS 1&amp;13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 c.f.r. 1.28).</small></p></div><div style="width: 50%;"><p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p><p>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies</p></div></div>		<b>ACCOMPANYING APPLICATION PARTS</b> <p>7. <input type="checkbox"/> Assignment papers (cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></p> <p>9. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></p> <p>10. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/Form 1449 Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status is still proper and desired <small>(PTO/SB/09-12)</small></p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>15. <input type="checkbox"/> Other: _____</p>			
<p>16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____/_____ Prior application information: Examiner: _____ Group/Art Unit: _____</p> <p><small>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small></p>					
<b>17. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> (Insert customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
<b>NAME</b>		Jeffrey E. Griffin Schlumberger Technology Corporation, Schlumberger Reservoir Completions			
<b>ADDRESS</b>		14910 Airline Road P.O. Box 1590			
<b>CITY</b>	Rosharon	<b>STATE</b>	Texas	<b>ZIP CODE</b>	77583-1590
<b>COUNTRY</b>	U.S.	<b>TELEPHONE</b>	(281) 285-5720	<b>FAX</b>	(281) 285-5537
<b>Name (Print/Type)</b>		Jeffrey E. Griffin <span style="float: right;">Registration No. (Attorney/Agent): 36,534</span>			
<b>Signature</b>				<b>Date:</b> 8/29/03	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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<b>1. <input checked="" type="checkbox"/></b> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">50-0457</span> Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Schlumberger Technology Corp.</span>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petition to Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>				Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	380	216	190	Extension for response within second month		117	870	217	435	Extension for response within third month		118	1,360	218	680	Extension for response within fourth month		128	1,850	228	925	Extension for response within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,210	241	605	Petition to revive unintentionally abandoned application		142	1,210	242	605	Utility issue fee		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petition to Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment property (times number of properties)		146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Jeffrey E. Griffin	Reg. Number	36,534
Signature		Deposit Account User ID	

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Defretin et al.

Attorney Docket No.: 68.0353

Serial No.:

Art Unit:

Filed:

Examiner:

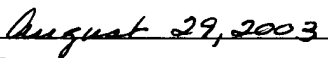
For: **Optical Fiber Conveyance, Telemetry and/or Actuation**

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Commissioner for Patents  
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Joanne Hyland

  
Date

Joanne C. Hyland  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590

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Joanne Hyland  
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August 29, 2003  
Date

Joanne C. Hyland  
Schlumberger Technology Corporation  
14910 Airline Road  
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Defretin et al.

Attorney Docket No.: 68.0353

Serial No.:

Art Unit:

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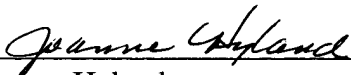
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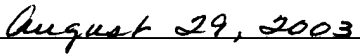
For: **Optical Fiber Conveyance, Telemetry and/or Actuation**

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Joanne Hyland

  
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Joanne C. Hyland  
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August 29, 2003  
Date

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